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Dated: February 16, 2006

Signature:

*Richard H. Anderson*  
(Richard H. Anderson)

Docket No.: 28682/38519  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kazunobu Maruo et al.

Application No.: 10/743,115

Confirmation No.: 8485

Filed: December 22, 2003

Art Unit: 1713

For: OLIGOMER-MODIFIED LAYERED  
INORGANIC COMPOUNDS AND THEIR  
USE IN NANOCOMPOSITES

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)). Therefore no fees are due.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 28682/38519.

Dated: February 16, 2006

Respectfully submitted,

By Richard H. Anderson

Richard H. Anderson

Registration No.: 26,526

MARSHALL, GERSTEIN & BORUN LLP

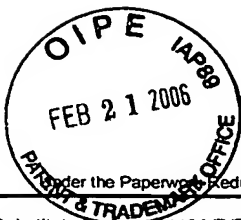
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PTO/SB/08a/b (07-05)  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	10/743,115-Conf. #8485
Filing Date	December 22, 2003
First Named Inventor	Kazunobu Maruo
Art Unit	1713
Examiner Name	Not Yet Assigned
Attorney Docket Number	28682/38519

Sheet	1	of	1
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### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	*	US-2002/0165306-A1	11-07-2002	J. W. Gilmer et al.	
	*	US-4,398,642	08-16-1983	Okudaira et al.	
	*	US-4,433,136	02-21-1984	Miyamoto et al.	
	*	US-4,438,257	03-20-1984	Miyamoto et al.	
	*	US-4,535,901	08-20-1985	Okudaira et al.	
	*	US-5,004,561	04-02-1991	Nomura et al.	
	*	US-5,011,873	04-30-1991	Nomura et al.	
	*	US-5,853,886	12-29-1998	Pinnavaia et al.	
	*	US-5,877,248	03-02-1999	Beall et al.	
	*	US-6,017,632	01-25-2000	Pinnavaia et al.	
	*	US-6,057,035	05-02-2000	Singh et al.	
	*	US-6,096,803	08-01-2000	Pinnavaia et al.	
	*	US-6,228,903-B1	05-08-2001	Beall et al.	
	*	US-6,232,388-B1	05-15-2001	Lan et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO-00/34377	06-15-2000			
		WO-00/09605	02-24-2000			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

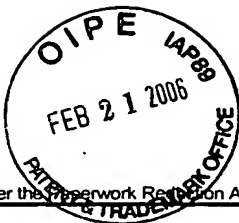
### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		WEI XIE, et al., Thermal Degradation Chemistry of Alkyl Quaternary Ammonium Montmorillonite, Chem. Mater. 2001, 13, 2979-2990, ©2001 American Chemical Society, Published on Web 08/11/2001.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PTO/SB/92 (09-04)  
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Application No. (if known): 10/743,115

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IDS (Citation) by Applicant (17 References) (1 page)  
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